

L Number	Hits	Search Text	DB	Time stamp
1	0	tsap21	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/11/14 11:23
7	0	tsap21 or tsap ADJ "21"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/11/14 11:24

FILE 'HOME' ENTERED AT 11:25:59 ON 14 NOV 2002

=> file medline

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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FILE LAST UPDATED: 13 NOV 2002 (20021113/UP). FILE COVERS 1958 TO DATE.

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=> file medline caplus pctful biosis embase scisearch

COST IN U.S. DOLLARS

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TOTAL

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FULL ESTIMATED COST

0.38

0.59

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FILE 'CAPLUS' ENTERED AT 11:26:27 ON 14 NOV 2002

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=> s tsap 21 or tsap21

L1

6 TSAP 21 OR TSAP21

=> dup rem l1

PROCESSING COMPLETED FOR L1

L2

2 DUP REM L1 (4 DUPLICATES REMOVED)

=> d 1-2 ibib abs

L2 ANSWER 1 OF 2 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2000008147 PCTFULL ED 20020515
TITLE (ENGLISH): GENES INVOLVED IN THE MOLECULAR PATHS FOR TUMOUR
SUPPRESSION AND /OR RESISTANCE TO VIRUSES
TITLE (FRENCH): GENES IMPLIQUES DANS LES VOIES MOLECULAIRES DE LA
SUPPRESSION TUMORALE ET/OU LA RESISTANCE AUX VIRUS
INVENTOR(S): AMSON, Robert; TELERMAN, Adam
PATENT ASSIGNEE(S): FONDATION JEAN DAUSSET-CEPH; AMSON, Robert; TELERMAN,
Adam
LANGUAGE OF PUBL.: French
DOCUMENT TYPE: Patent
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2000008147	A1	20000217
DESIGNATED STATES	CA JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE		
APPLICATION INFO.:	WO 1999-FR1479	A	19990618
PRIORITY INFO.:	FR 1998-98/10077		19980805

ABEN The invention concerns genes involved in the molecular paths for tumour
suppression and/or
resistance to viruses, and whereof the cell expression is in particular
induced or inhibited during
apoptosis and/or tumour suppression.
ABFR L'invention concerne des genes impliqués dans les voies moléculaires de
la suppression tumorale
et/ou la résistance aux virus, et dont l'expression cellulaire est
notamment induite ou inhibée lors
de l'apoptose et/ou la suppression tumorale.

L2 ANSWER 2 OF 2 MEDLINE DUPLICATE 1
ACCESSION NUMBER: 1999324190 MEDLINE
DOCUMENT NUMBER: 99324190 PubMed ID: 10393949
TITLE: SIAH-1 promotes apoptosis and tumor suppression through a
network involving the regulation of protein folding,
unfolding, and trafficking: identification of common
effectors with p53 and p21(Waf1).
AUTHOR: Roperch J P; Lethrone F; Prieur S; Piouffre L; Israeli D;
Tuynder M; Nemani M; Pasturaud P; Gendron M C; Dausset J;
Oren M; Amson R B; Telerman A
CORPORATE SOURCE: Fondation Jean Dausset-CEPH (Human Polymorphism Study
Center), 27 rue Juliette Dodu, 75010 Paris, France.
SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE
UNITED STATES OF AMERICA, (1999 Jul 6) 96 (14) 8070-3.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AJ012489; GENBANK-AJ012490; GENBANK-AJ012491;
GENBANK-AJ012492; GENBANK-AJ012493; GENBANK-AJ012494;
GENBANK-AJ012495; GENBANK-AJ012496; GENBANK-AJ012497;
GENBANK-AJ012498; GENBANK-AJ012499; GENBANK-AJ012500;
GENBANK-AJ012501; GENBANK-AJ012502; GENBANK-AJ012503;
GENBANK-AJ012504; GENBANK-AJ012506
ENTRY MONTH: 199908
ENTRY DATE: Entered STN: 19990910
Last Updated on STN: 19990910
Entered Medline: 19990826
AB We have previously described biological model systems for studying tumor
suppression in which, by using H-1 parvovirus as a selective agent, cells
with a strongly suppressed malignant phenotype (KS or US) were derived

from malignant cell lines (K562 or U937). By using cDNA display on the K562/KS cells, 15 cDNAs were now isolated, corresponding to genes differentially regulated in tumor suppression. Of these, TSAP9 corresponds to a TCP-1 chaperonin, TSAP13 to a regulatory proteasome subunit, and **TSAP21** to syntaxin 11, a vesicular trafficking molecule. The 15 cDNAs were used as a molecular fingerprint in different tumor-suppression models. We found that a similar pattern of differential regulation is shared by activation of p53, p21(Waf1), and the human homologue of Drosophila seven in absentia, SIAH-1. Because SIAH-1 is differentially expressed in the various models, we characterized it at the protein and functional levels. The 32-kDa, mainly nuclear protein encoded by SIAH-1, can induce apoptosis and promote tumor suppression. These results suggest the existence of a common mechanism of tumor suppression and apoptosis shared by p53, p21(Waf1), and SIAH-1 and involving regulation of the cellular machinery responsible for protein folding, unfolding, and trafficking.

=> d his

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FILE 'MEDLINE' ENTERED AT 11:26:09 ON 14 NOV 2002

FILE 'MEDLINE, CAPLUS, PCTFULL, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 11:26:27 ON 14 NOV 2002

L1 6 S TSAP 21 OR TSAP21
L2 2 DUP REM L1 (4 DUPLICATES REMOVED)

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	10.95	11.54

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:28:03 ON 14 NOV 2002